

21 results in a non-marking of the respecting leading edge by said product seizing elements and consequently in an non opening-up of said multi-layered web of material when including a plurality of ribbons. Said product seizing elements either may extend spaced apart from one another over the entire width of said web of material or the respective paper-conducting cylinder or maybe arranged in the middle or the respective lateral edge portion of said cylinder.

22 Replace the paragraph beginning at page 6, line 19 as follows:

Said first cylinder 7 such as a cutting cylinder rotates about its respective axis 23 from which the respective outer surface 9 extends by a radius 8. In the respective outer surface 9 of said cutting cylinder 7 knife assemblies 12 are received. Said knife assemblies 12 are received in grooves with respective knife boxes 10. Said knife boxes are arranged within said cutting cylinder by fastening means not shown in greater detail here to allow for a quick exchange for the respective knife boxes upon wear of the respective cutting tips 26 of said knives 12. In an inclined position 31 within said knife boxes 10 respective product seizing elements 27 are arranged. Said product seizing elements 27 include an engaging bolt element 27 having a rounded portion 29. Said rounded portion 29 may include a coating to prevent marking of the respective leading edge when contacted by said head 29 of said engaging bolt 27. Within the respecting housing of said engaging bolt a biasing element such as a pretensioning spring is provided to keep the engaging bolt 27 in its extended position which will be described below.

23 Replace the paragraph beginning at page 7, line 26 as follows:

Sub B1 23 Upon further rotation of the respective outer surface 9, 15, respectively in the respective senses of rotation, the head 29 of the respective engaging bolt 27 surrounded by its guide 34, gradually seizes the respective leading edge 25 of the web of material 1, 14 from which then by cooperation of said knife 12 with said anvil bar 16 a signature is severed. During the engagement of said engaging bolt 27 with the respective web of material 1, 24 in the front area thereof a reliable cutting operation is garantied and an accurate positioning of said newly created leading edge 25 of the respective multi-layered web of material is maintained. Due to the force exerted upon the engaging board by the respective biasing or pretentioning element the outer surface of


the leading edge of the web of material is prevented from opening-up during passage of the cutting zone 13. In this stage of rotation of the respective cylinders identified by reference numerals 19 and 32 the respective gripper element 17 is still shown in its retracted position identified by reference numeral 37. The force exerted by the pretensioning or biasing element upon said engaging bolt 27 is dependent on the thickness of the respective leading edge, on the respective thickness of the paper stock and of the number of ribbons of the web of material 1, 24 to be processed.

Replace the paragraph beginning on page 8, line 12 as follows:

Upon further rotation of cutting cylinder 7 and the paper conducting cylinder 14 said engaging bolt 27 gradually extends out of the respective guide 34 due to the biasing or pretensioning force exerted thereon by a biasing element such as a spring, the previously mentioned pressure source such as a pneumatic or hydraulic system. Consequently, by further extension of said engaging bolt 27 out of its guide 34 the force with which said leading edge is urged against the outer surface 15 of the respective paper-conducting cylinder 14 gradually decreases. However, by the force still exerted upon the leading edge 25, the leading edge 25 is kept in its position above said anvil bar 16. As can be derived from the third stage of rotation 20 given in Fig. 2, the gripper now gradually moves into an extended gripper position 36 to seize the respective leading edge 25 which will be released by said engaging bolt's 27 head portion 29 by further rotation of said cutting cylinder 7 about its axis of rotation 23. In the respective third stage of rotation 20 said engaging bolt 27 adopts a disengaged position identified by reference numeral 33. Upon further rotation of said paper conducting cylinder 14 in its respective sense of rotation and the cutting cylinder 7 according to its sense of rotation said product seizing element 27 – shaped as an engaging bolt for example – will keep its disengaged position 33, respectively, and upon a completion of a revolution will seize a respective new web of material when supported on the respective outer surface 15 of the paper-conducting cylinder.

Replace the paragraph beginning on page 10, line 1 as follows:

Reference numeral list

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- 1 web of material
  - 2 former board
  - 3 former nose
  - 4 former rollers
  - 5 first pair of nips
  - 6 second pair of nips
  - 7 cutting cylinder
  - 8 radius
  - 9 outer surface
  - 10 knife box
  - 11 product seizing element
  - 12 knife
  - 13 cutting area
  - 14 paper conducting cylinder
  - 15 cylinder surface
  - 16 anvil bar
  - 17 gripper
  - 18 first stage of rotation
  - 19 second stage of rotation
  - 20 third stage of rotation
  - 21 gripper head
  - 22 groove
  - 23 axis of rotation
  - 24 web of material
  - 25 leading edge
  - 26 knife tip
  - 27 engaging bolt